

FIG. 1

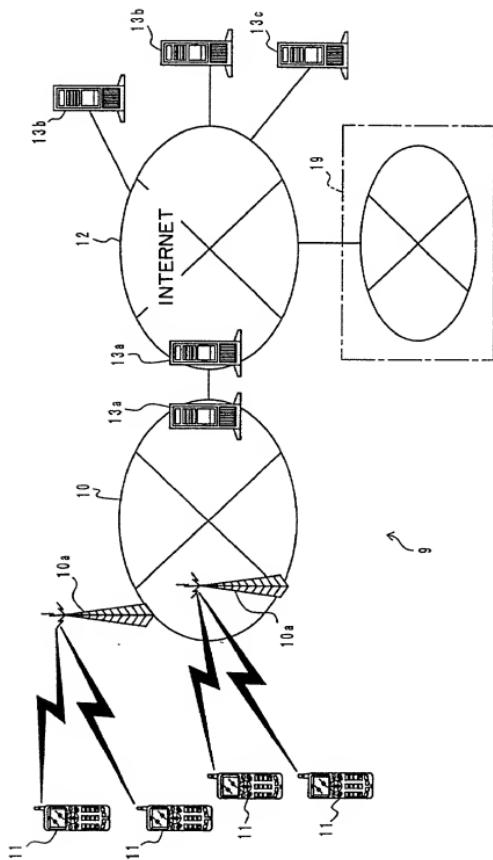


FIG. 2

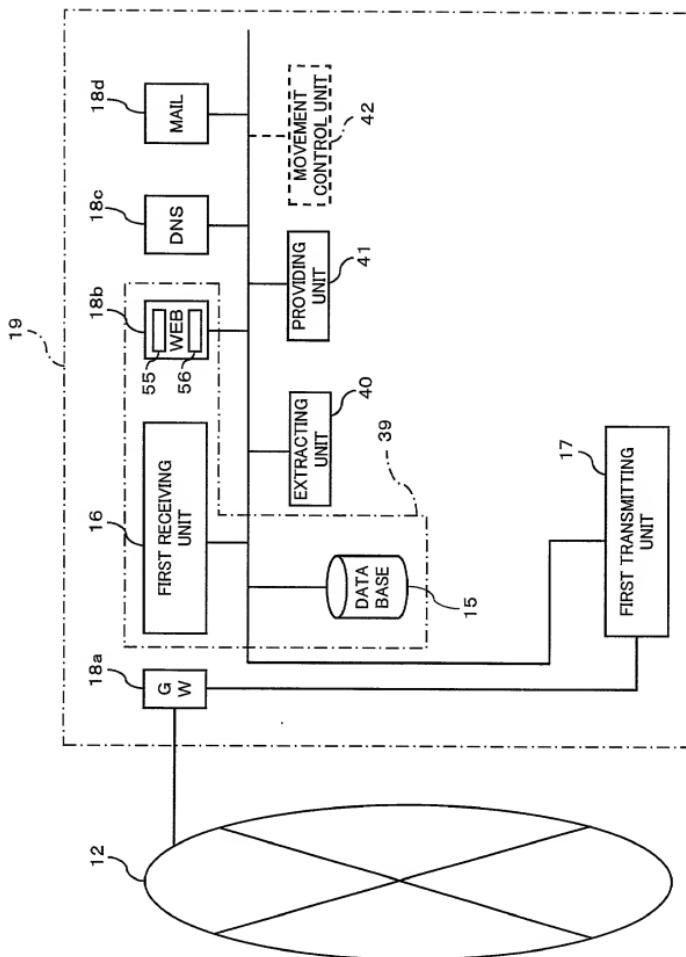


FIG. 3

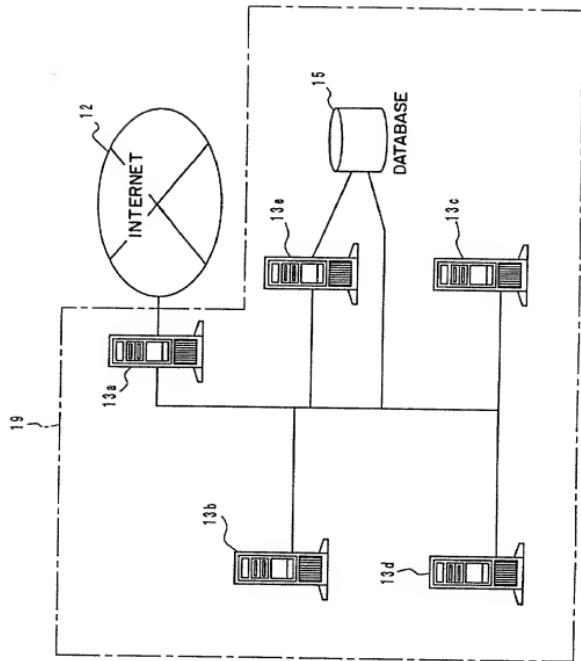


FIG. 4

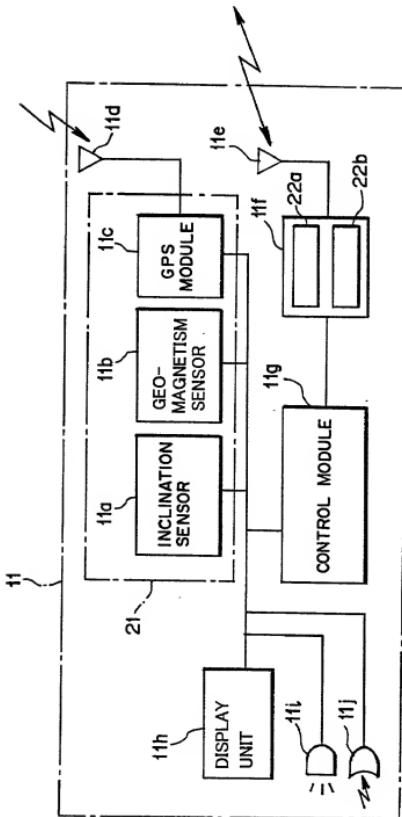


FIG. 5

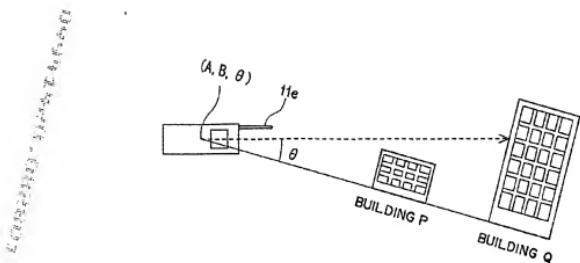


FIG. 6

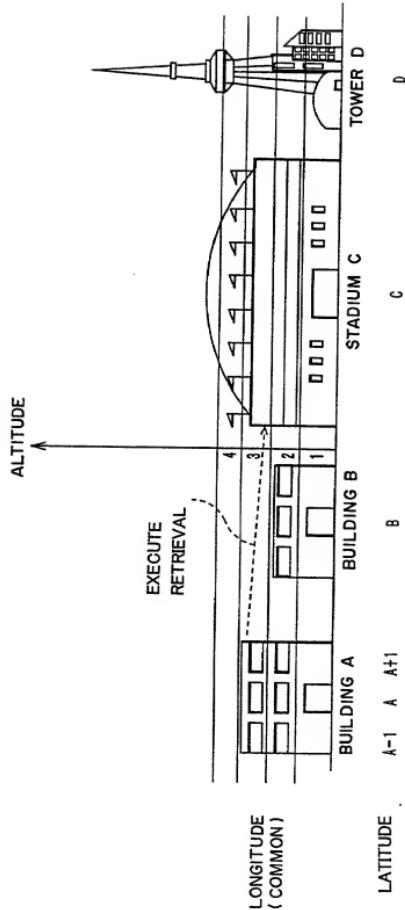


FIG. 7

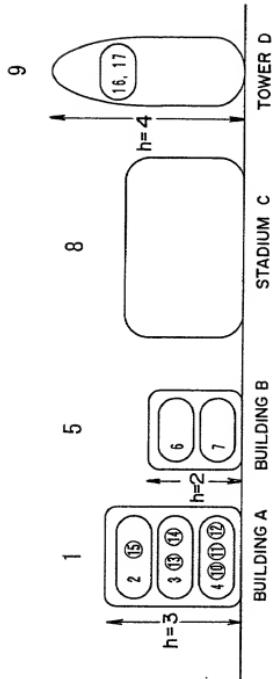


FIG. 8

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BUBBLE NUMBER	SPACE OCCUPATION INFORMATION	URL
1	A/X/0/3	http://www.xxx.100
2	A/X/3/1	http://www.xxx.101
3	A/X/2/1	http://www.xxx.102
4	A/X/1/1	http://www.xxx.103
5	B/X/0/2	http://www.xxx.200
6	B/X/2/1	http://www.xxx.201
7	B/X/1/1	http://www.xxx.202
8	C/X/0/3	http://www.xxx.300
9	D/X/0/4	http://www.xxx.400
10	A-1/X/1/0.5	http://www.xxx.110
11	1/X/1/0.5	http://www.xxx.111
12	A+1/X/1/0.5	http://www.xxx.112
13	A-1/X/2/0.5	http://www.xxx.120
14	A/X/2/0.5	http://www.xxx.121
15	A/X/3/0.5	http://www.xxx.130
16	D/X/4/0.5	http://www.xxx.410
17	D/X/4/0.5	http://www.xxx.411

FIG. 9

BUBBLE NUMBER	SPACE OCCUPATION INFORMATION (LATITUDE/LONGITUDE/ ALTITUDE/BUBBLE RADIUS)	OBJECT URL	CONTENTS NAME
1	149° 22' 20" / 62° 11' 11" /30/5	http://www.nifty.ne.jp/ gps/user/mor1/index.html	BUILDING A
2	149° 21' 15" / 62° 09' 04" /15/20	http://www.nifty.ne.jp/ gps/user/yashi/index.html	BUILDING B (RESTAURANT)
3	149° 19' 12" / 62° 14' 07" /50/200	http://www.nifty.ne.jp/ gps/com/fujitsu/index.html	STADIUM C
4			

FIG. 10

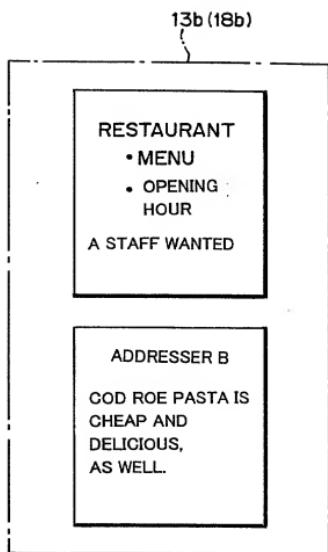


FIG. 11(a)

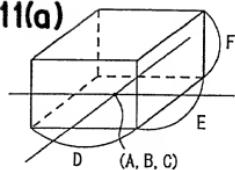


FIG. 11(c)

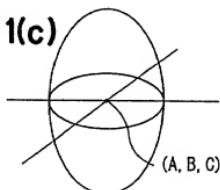


FIG. 11(e)

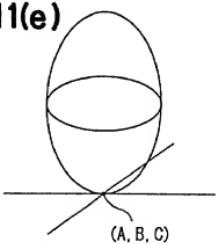


FIG. 11(g)

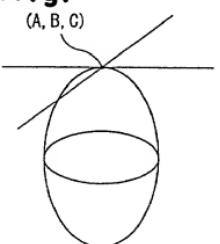


FIG. 11(b)

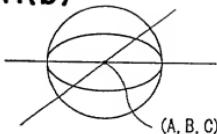


FIG. 11(d)

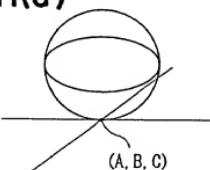


FIG. 11(f)

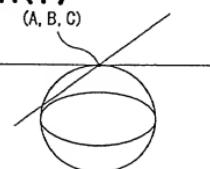


FIG. 11(h)

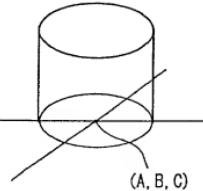


FIG. 12

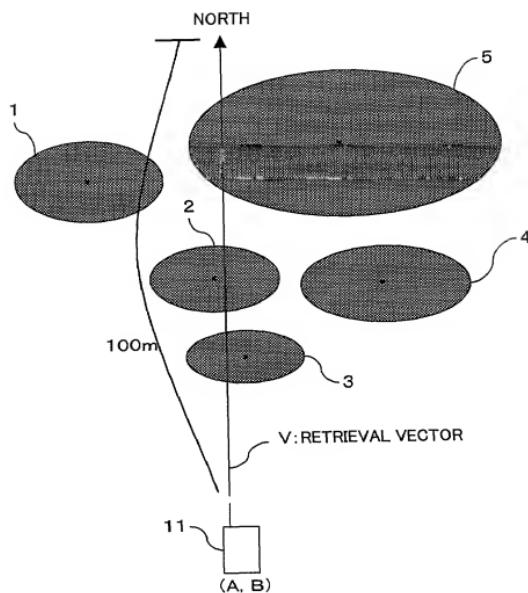


FIG. 13(a)

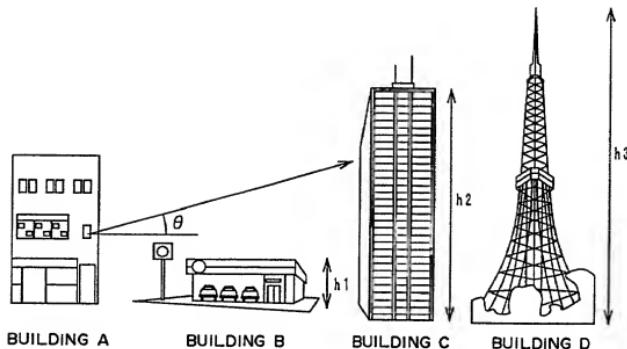


FIG. 13(b)

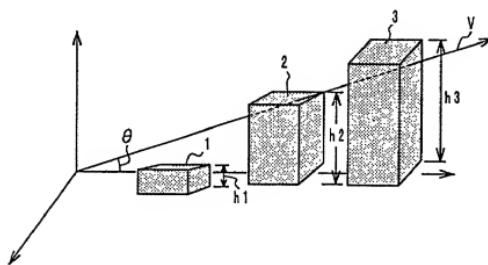


FIG. 14

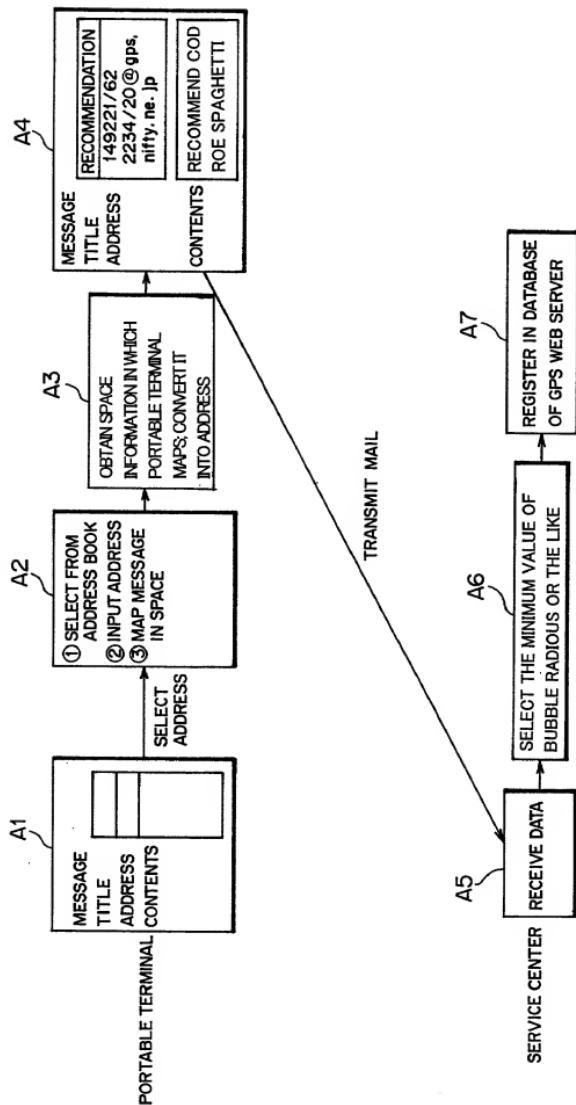


FIG. 15

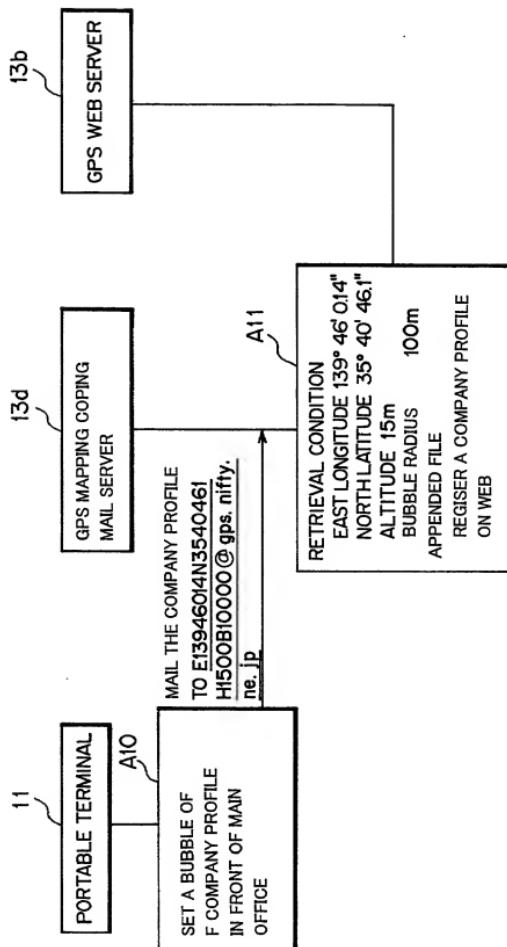


FIG. 16

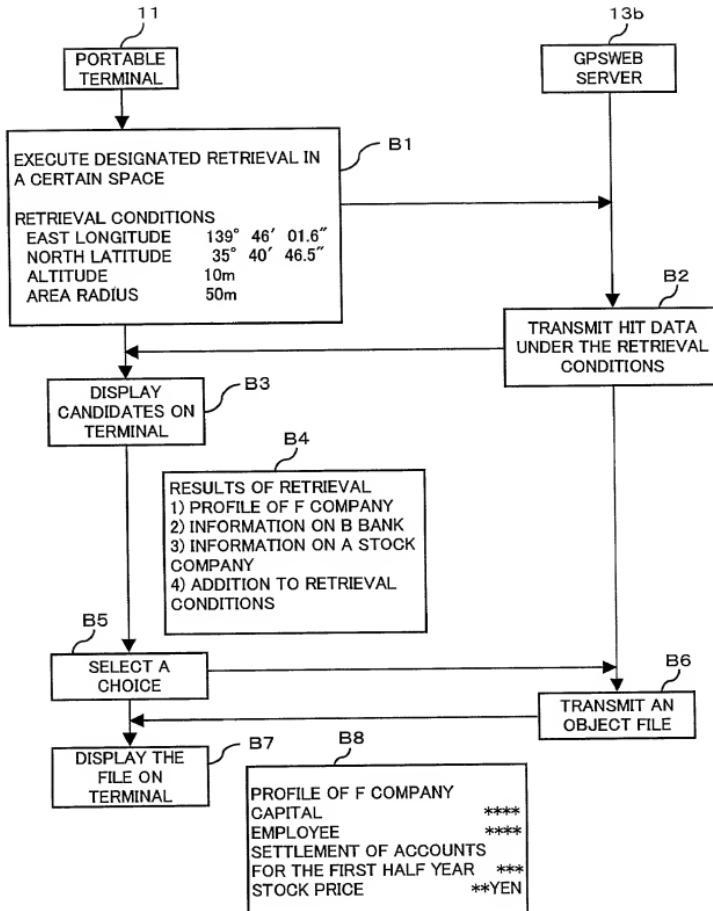


FIG. 17

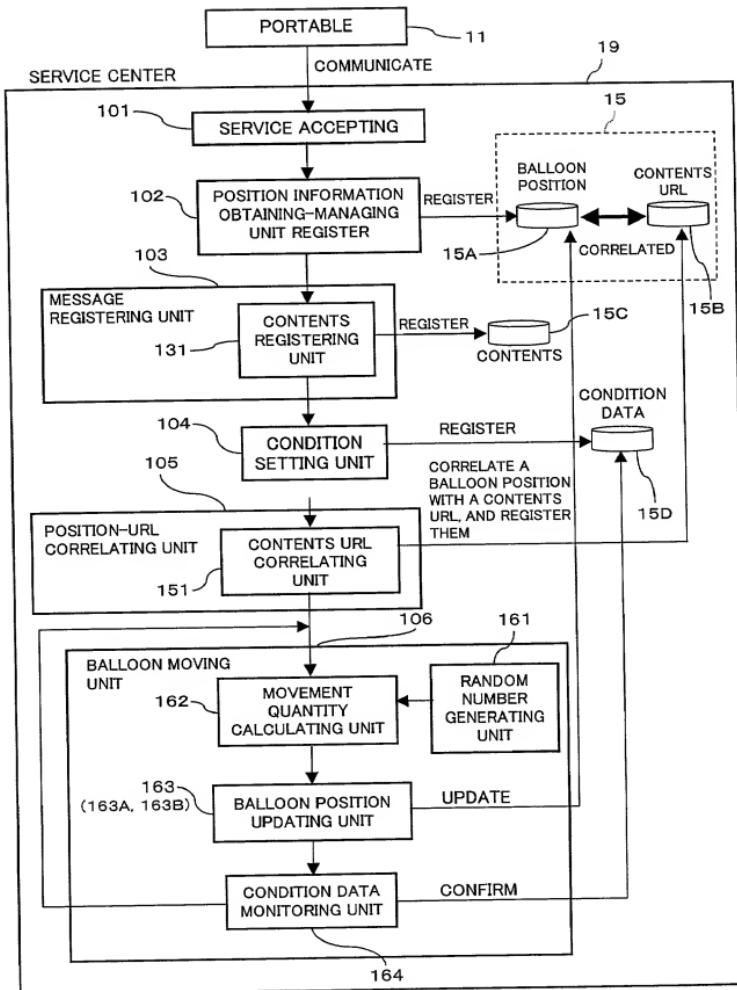


FIG. 18

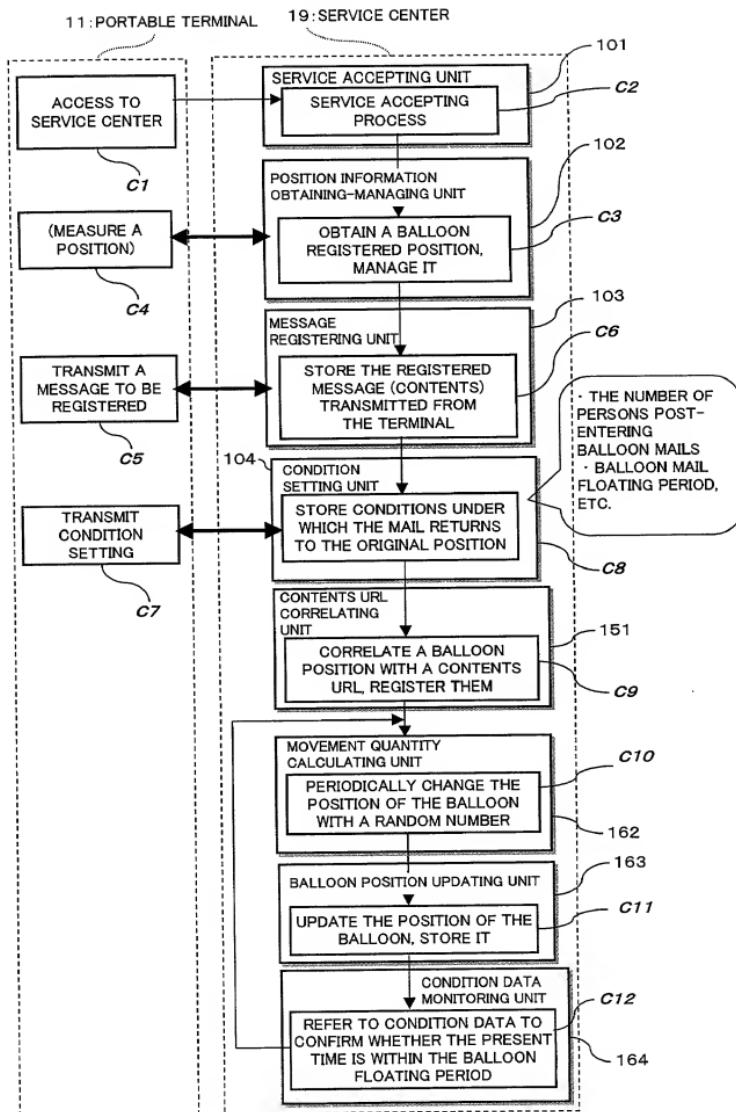


FIG. 19

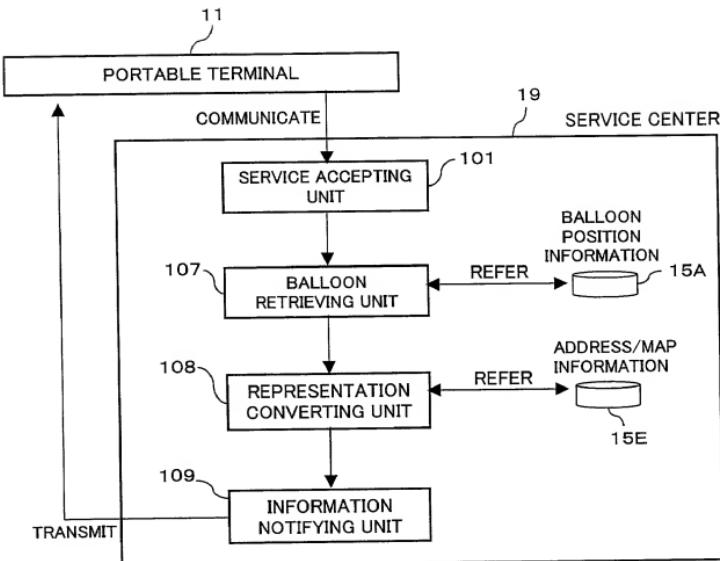
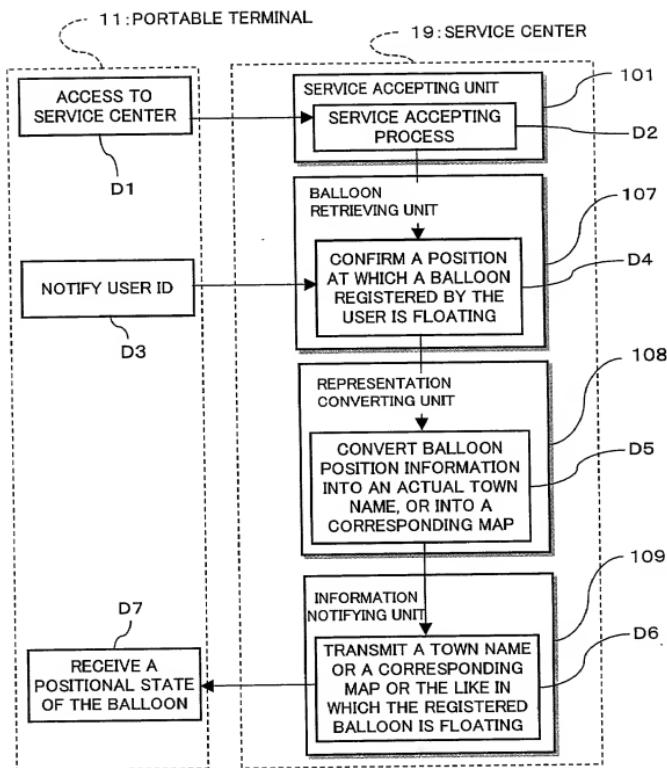


FIG. 20



05942476 - 0322804

FIG. 21

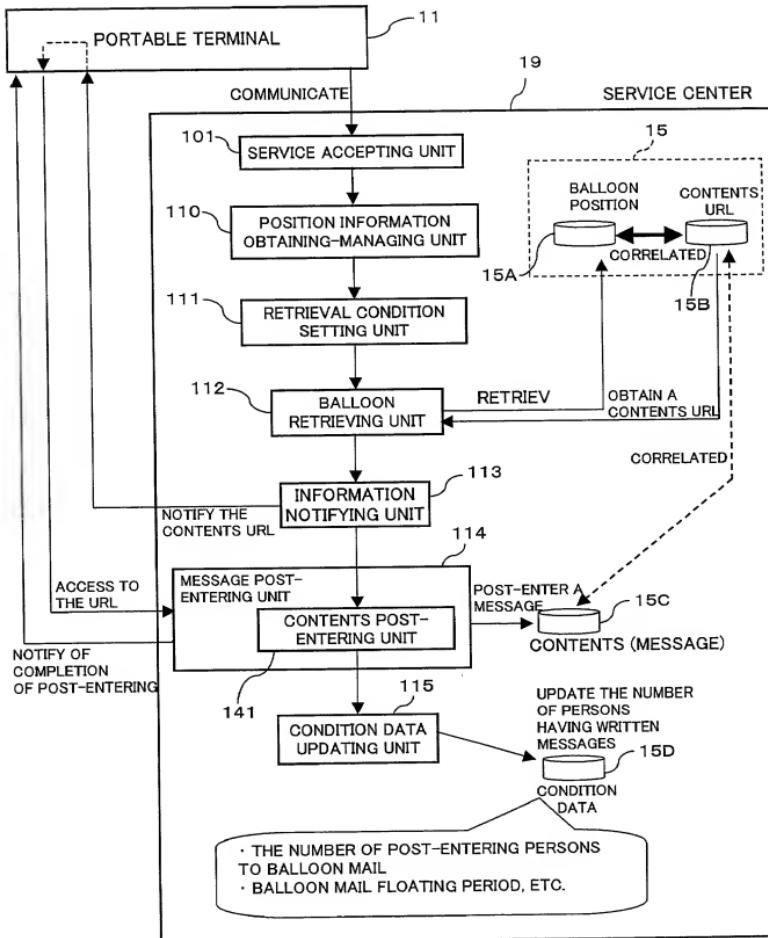


FIG. 22

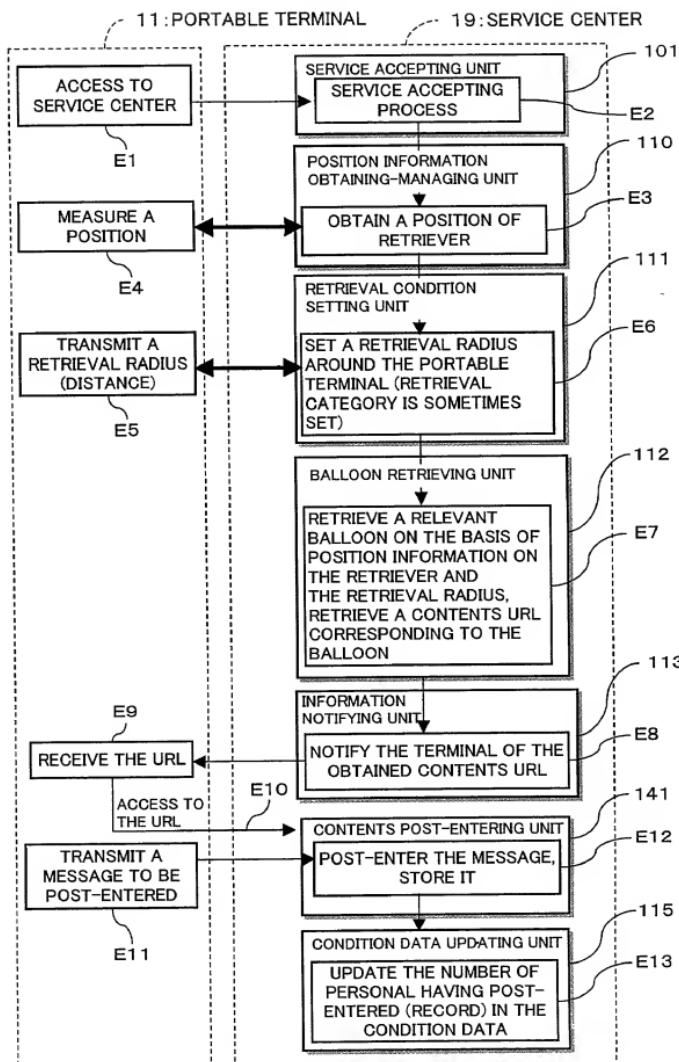


FIG. 23

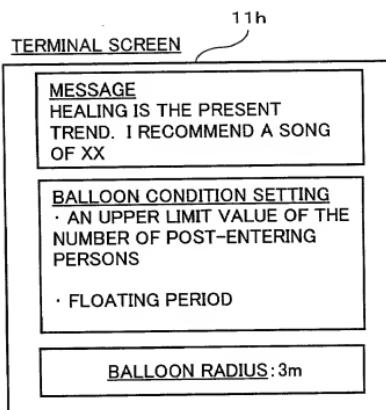


FIG. 24

15D
↖

USER IDENTIFIER	CONTENTS IDENTIFIER (MESSAGE)	CONDITION SETTING 1(FLOATING PERIOD)	CONDITION SETTING 2 (UPPER LIMIT OF THE NUMBER OF POST-ENTERING PERSONS)	THE NUMBER OF PERSONS HAVING POST-ENTERED (RECORD)
USER 1	CONTENTS 1	2002/1/1	—	—
USER 2	CONTENTS 2	—	3	1
:	:	:	:	:

FIG. 25

15-1		15A		15B		15	
BALLOON NUMBER	BALLOON POSITION (LATITUDE/LONGITUDE/ ALTITUDE/BUBBLE RADIUS)	CONTENTS URL	TITLE/ SUMMARY	TYPE OF INFORMATION	USER IDENTIFIER		
1	148/22/3/3	<i>http://www.xx.net/service1/xx.htm</i>	THIS YEAR ...	BALLOON MAIL	USER 1		
2	150/25/50/100	<i>http://www.xx.net/service1/xxx.htm</i>	RECOMMEND THIS SONG FOR HEALING	BALLOON MAIL	USER 2		
3	139/35/18/100	<i>http://www.xx.com/profile.html</i>	PROFILE OF COMPANY	COMPANY	USER 3		
:	:	:	:	:	:		

FIG. 26

PRESENT BALLOON POSITION: N35° 22' 20"
CHANGE (RANDOM VALUE): -20"
NEW BALLOON POSITION: N35° 22' 00"

※VALUE OF EACH OF LATITUDE, LONGITUDE AND ALTITUDE
CAN BE CHANGED BY A RANDOM VALUE

FIG. 27

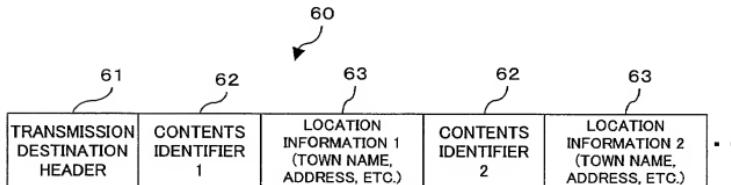


FIG. 28

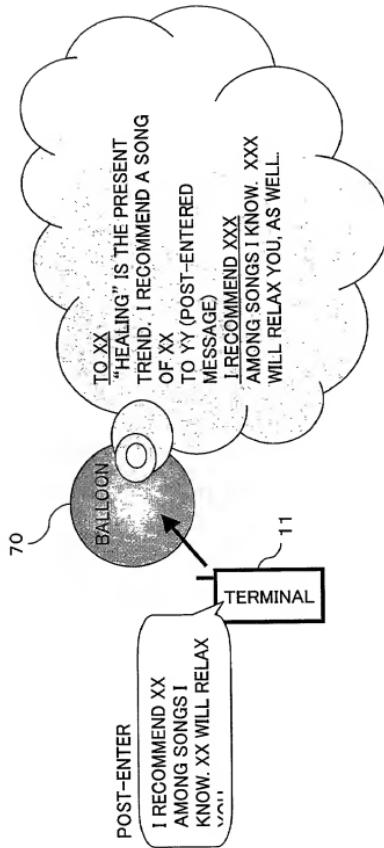


FIG. 29

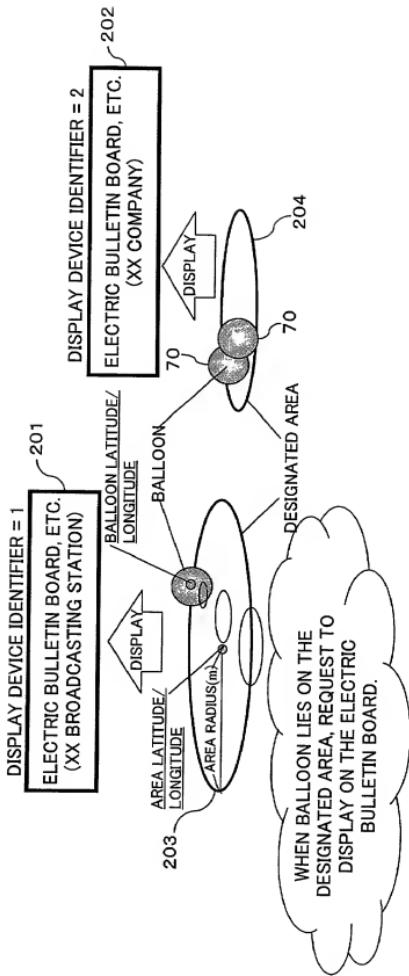
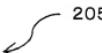


FIG. 30



DISPLAY DEVICE IDENTIFIER	DESIGNATED AREA (LATITUDE/LONGITUDE /AREA RADIUS)	MESSAGE NOTIFYING COMPANY
1	N139/E35/30	XX BROADCASTING STATION
2	N139/E36/30	XX COMPANY
3	N140/E35/30	XX BROADCASTING STATION
:	:	:

FIG. 31

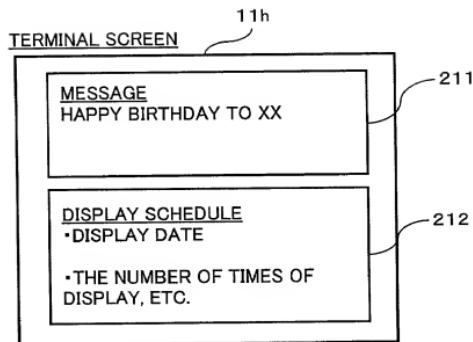


FIG. 32

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REGISTERED MESSAGE IDENTIFIER	CONTENTS OF REGISTERED MESSAGE
MESSAGE 1	HAPPY BIRTHDAY TO XX
MESSAGE 2	ON SALE FOR 30 MINUTES FROM NOW. DROP INTO XX SHOE SHOP

FIG. 33

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USER NAME	REGISTERED MESSAGE IDENTIFIER	DISPLAY SCHEDULE (DATE, TIME, THE NUMBER OF TIMES)
A	MESSAGE 1	2001/1/15 /18:00/1
B	MESSAGE 2	2001/1/12/15:00/2

FIG. 34

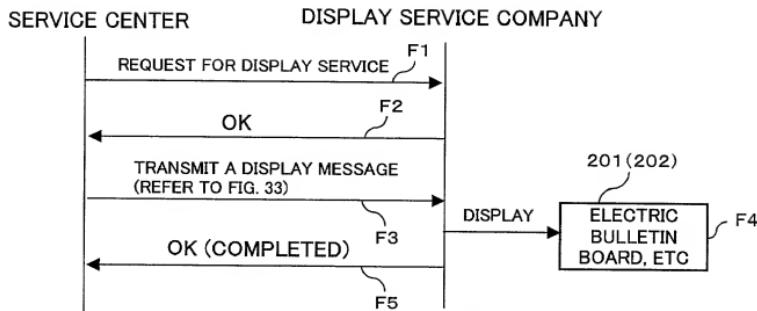


FIG. 35

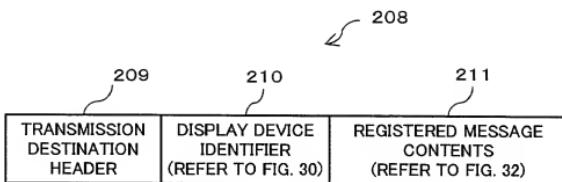


FIG. 36

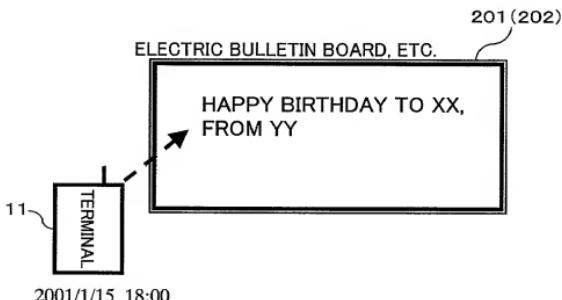


FIG. 37

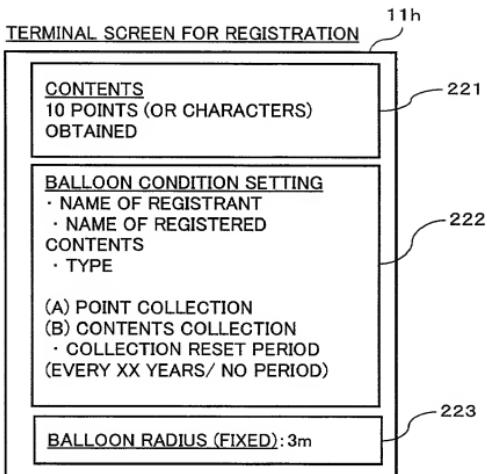


FIG. 38

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↙

REGISTERED USER IDENTIFIER	CONTENTS IDENTIFIER	COLLECTION TYPE	MAXIMUM VALUE OF COLLECTION	COLLECTION REST PERIOD
USER 1	CONTENTS 1	POINT COLLECTION	—	1 YEAR
USER 2	CONTENTS 2	CONTENTS COLLECTION	6	—

FIG. 39

The diagram illustrates two tables, 15A and 15B, which are grouped together by a bracket labeled "15". A separate bracket labeled "15" with a downward arrow points to the first column of both tables.

BALLOON NUMBER	BALLOON POSITION (LATITUDE/LONGITUDE/ALTITUDE /BUBBLE RADIUS)	CONTENTS URL	TITLE/SUMMARY
1	149/22/3/3	http://www.x	XX DEPARTMENT STORE
2	150/25/3/3	http://www.x	200 CHARACTER 1
3	150/24/3/3	http://www.x	200 CHARACTER 2
4	150/23/3/3	http://www.x	200 CHARACTER 3

FIG. 40

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USER IDENTIFIER	CONTENTS IDENTIFIER	COLLECTION TYPE	MAXIMUM VALUE OF COLLECTION	ACCUMULATION RESULT (RECORD)
USER 1	CONTENTS 1	POINT COLLECTION	—	25 POINTS
USER 2	CONTENTS 2	CONTENTS COLLECTION	6	^ 1.3.4.5.6

(THE SECOND
CONTENTS ARE NOT
YET COLLECTED)

FIG. 41

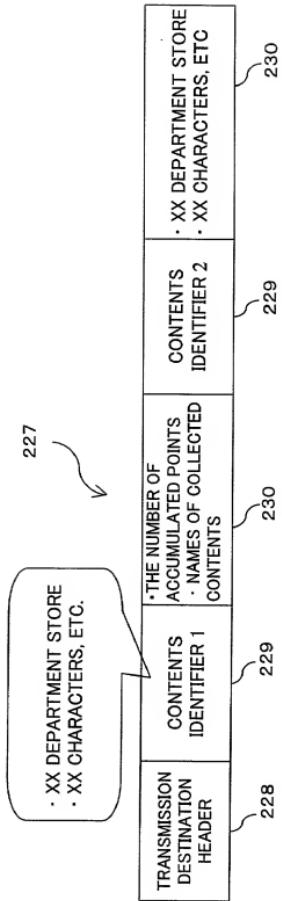


FIG. 42

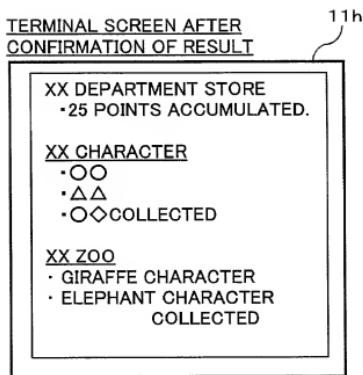


FIG. 43

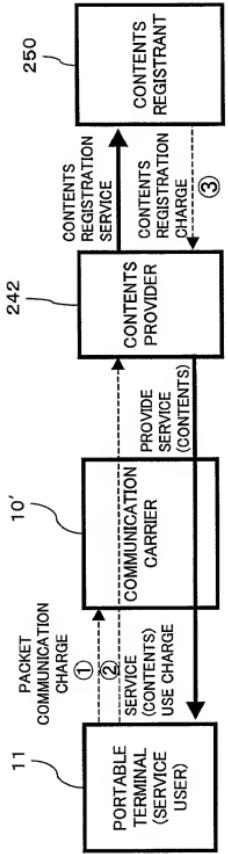


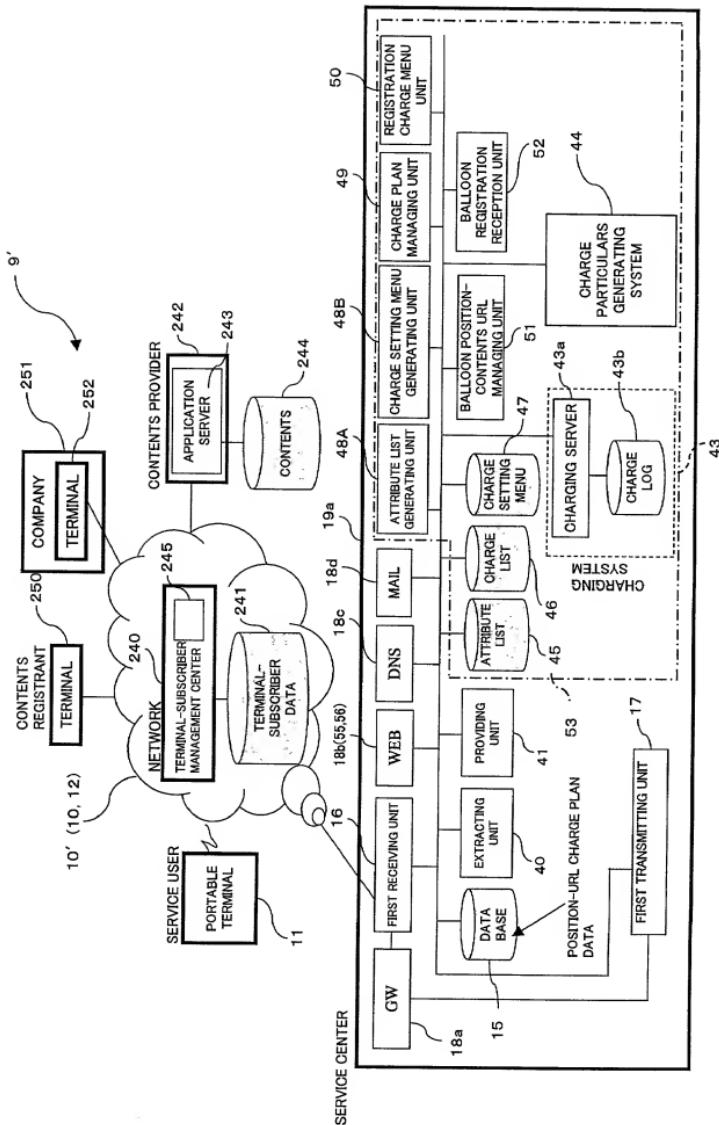
FIG. 44

FIG. 45

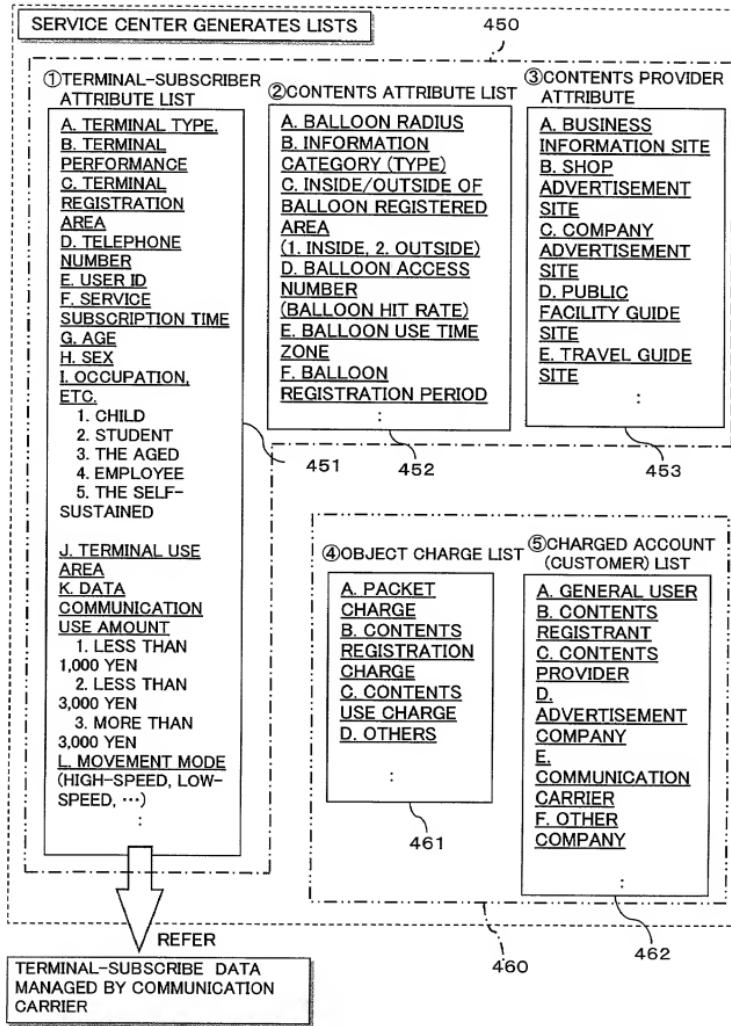


FIG. 46

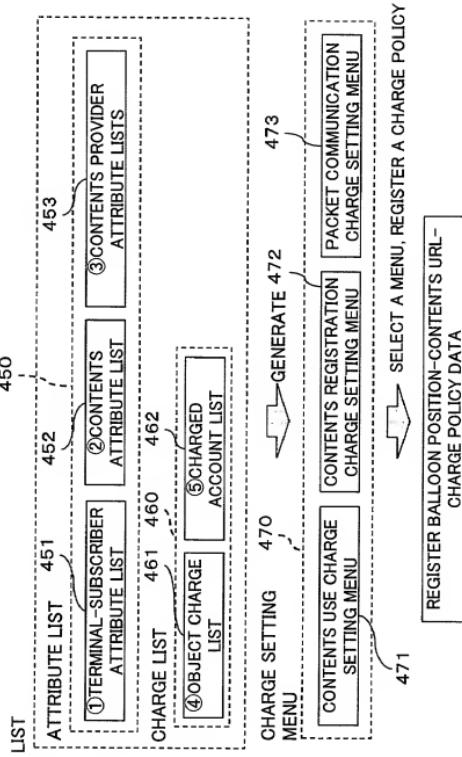


FIG. 47

481:CHARGE POLICY DATA (CONTENTS USE CHARGE)
BALLOON NUMBER

BALLOON NUMBER	CHARGE CONDITION	OBJECT CHARGE	CHARGE	CHARGED ACCOUNT
1	②-C-2	④-C	30 YEN/EACH	⑤-A
2	③-D OR ③-E	④-C	100 YEN/MONTH	⑤-D
3	-	④-C	FREE	-

FIG. 48

482:CHARGE POLICY DATA
(CONTENTS REGISTRATION CHARGE)

BALLOON NUMBER	CHARGE CONDITION	OBJECT CHARGE	CHARGE	CHARGED ACCOUNT
1	②-A AND ②-F	④-B	10,000 YEN/DAY	⑤-B
2	②-D AND ③-D	④-B	30 YEN/EACH	⑤-B
3	②-A AND ②-F (3M & 1 WEEK)	④-B	FREE	-

FIG. 49

483:CHARGE POLICY DATA (PACKET CHARGE)

BALLOON NUMBER	CHARGE CONDITION	OBJECT CHARGE	CHARGE	CHARGED ACCOUNT
1	②-E(18:00-21:00)	④-A	MEASURED RATE	⑤-F
2	③-D OR ③-E	④-A	MEASURED RATE	⑤-C
3	-	④-A	MEASURED RATE	⑤-A

FIG. 50

15—2:BALLOON POSITION-CONTENTS URL-CHARGE POLICY DATA

FIG. 51

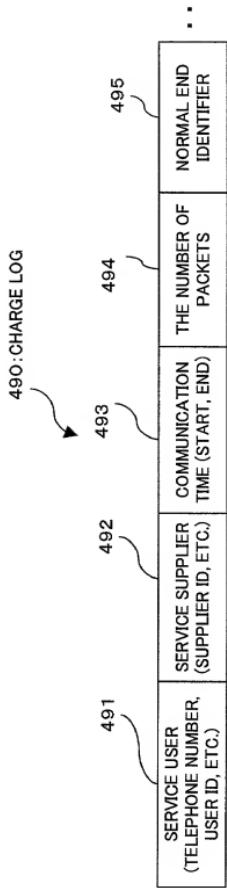


FIG. 52

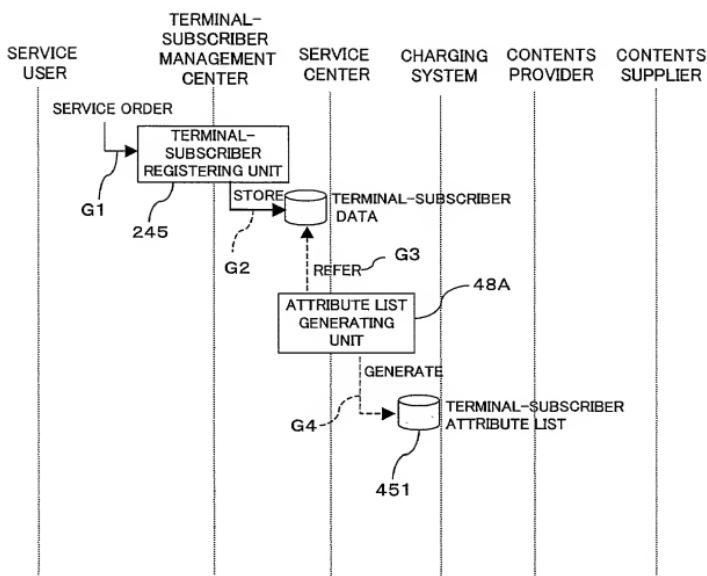


FIG. 53

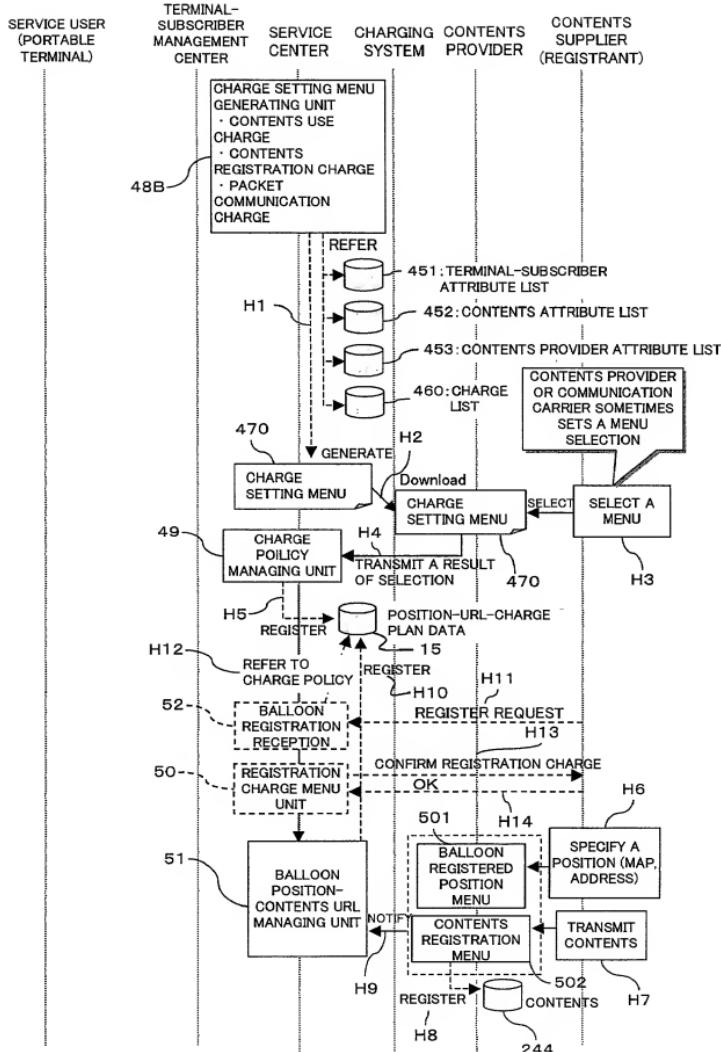


FIG. 54

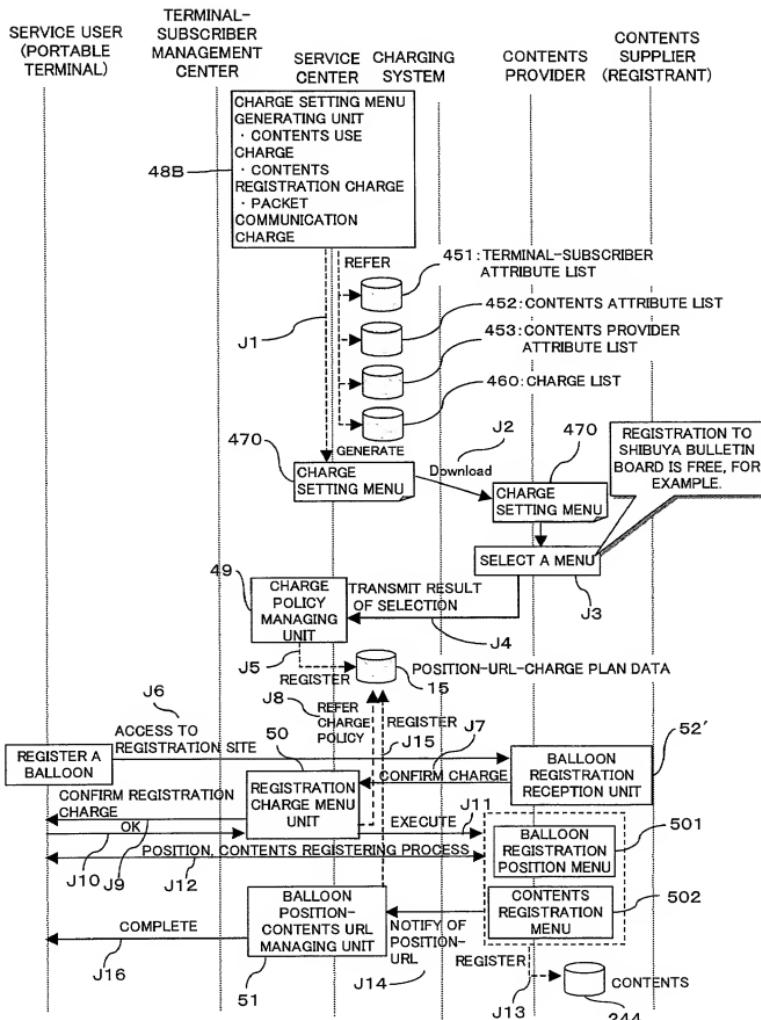


FIG. 55(a)

① TERMINAL-SUBSCRIBER ATTRIBUTE LIST

- A. TERMINAL TYPE
- B. TERMINAL PERFORMANCE
- C. TERMINAL REGISTRATION AREA
- D. TELEPHONE NUMBER
- E. USER ID
- F. SERVICE SUBSCRIPTION TIME
- G. AGE
- H. SEX
- I. OCCUPATION, ETC.
- J. TERMINAL USE AREA
- K. DATA COMMUNICATION USE AMOUNT
- L. MOVEMENT MODE



④ OBJECT CHARGE LIST

- A. PACKET CHARGE
- B. CONTENTS REGISTRATION CHARGE
- C. CONTENTS USE CHARGE
- D. OTHERS

"SELECT"

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FIG. 55(b)

② CONTENTS ATTRIBUTE LIST

- A. BALLOON RADIUS
- B. INFORMATION CATEGORY (TYPE)
- C. INSIDE/OUTSIDE OF BALLOON
- D. REGISTERED AREA (1. INSIDE, 2. OUTSIDE)
- E. BALLOON ACCESS NUMBER
- F. BALLOON USE TIME ZONE
- G. BALLOON REGISTRATION PERIOD

1. 6:00-17:00
2. 21:00-22:00
3. 23:00-6:00

1. CHILD
2. STUDENT
3. THE AGED

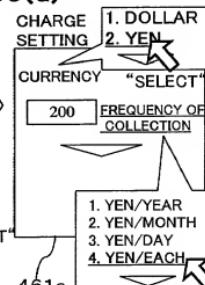
"SELECT"

452

451

453

FIG. 55(d)



"SELECT"

461a

FIG. 55(c)

③ CONTENTS PROVIDER ATTRIBUTE

- A. BUSINESS INFORMATION SITE
- B. SHOP ADVERTISEMENT SITE
- C. COMPANY ADVERTISEMENT SITE
- D. PUBLIC FACILITY GUIDE SITE
- E. TRAVEL GUIDE SITE

1. CHILD
2. STUDENT
3. THE AGED

"SELECT"

FIG. 55(e)

⑤ CHARGED ACCOUNT (CUSTOMER) LIST

- A. GENERAL USER
- B. CONTENTS REGISTRANT
- C. CONTENTS PROVIDER
- D. ADVERTISEMENT COMPANY
- E. COMMUNICATION CARRIER
- F. OTHER COMPANY

1. COMPANY NAME
2. F COMPANY

"SELECT"

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FIG. 56(a)

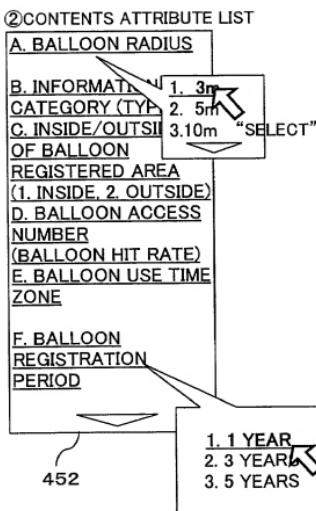


FIG. 56(b)

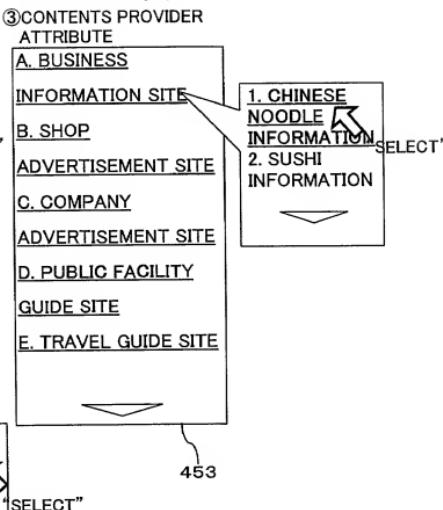


FIG. 56(c)

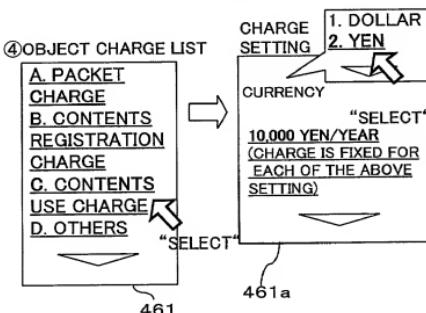


FIG. 56(d)

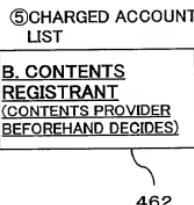


FIG. 57(a)

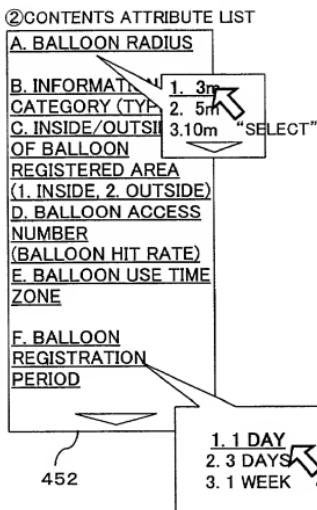


FIG. 57(b)

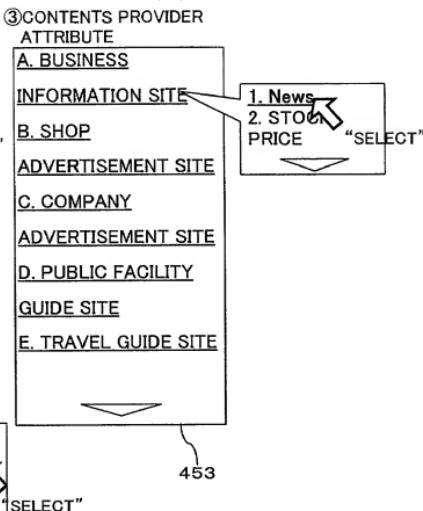


FIG. 57(c)

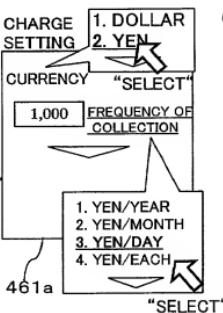
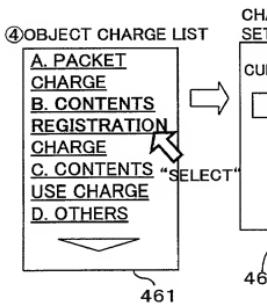


FIG. 57(d)

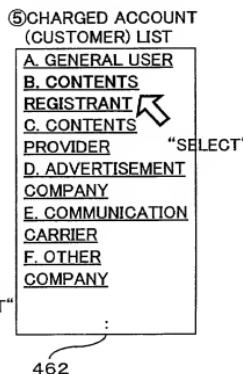


FIG. 58(a)

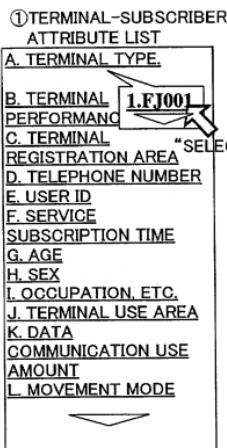
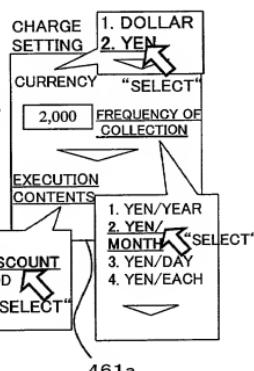


FIG. 58(d)

④ OBJECT CHARGE LIST

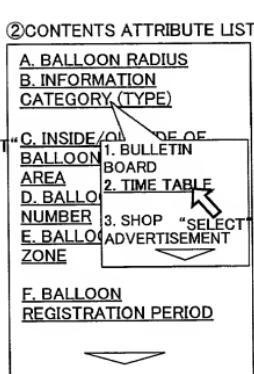
A. PACKET CHARGE
B. CONTENTS REGISTRATION CHARGE
C. CONTENTS USE CHARGE
D. OTHERS

461



461a

FIG. 58(b)



452

FIG. 58(c)



453

FIG. 58(e)

⑤ CHARGED ACCOUNT (CUSTOMER) LIST

A. GENERAL USER
B. CONTENTS REGISTRANT
C. CONTENTS PROVIDER
D. ADVERTISEMENT COMPANY
E. COMMUNICATION CARRIER
F. OTHER COMPANY

462



FIG. 59

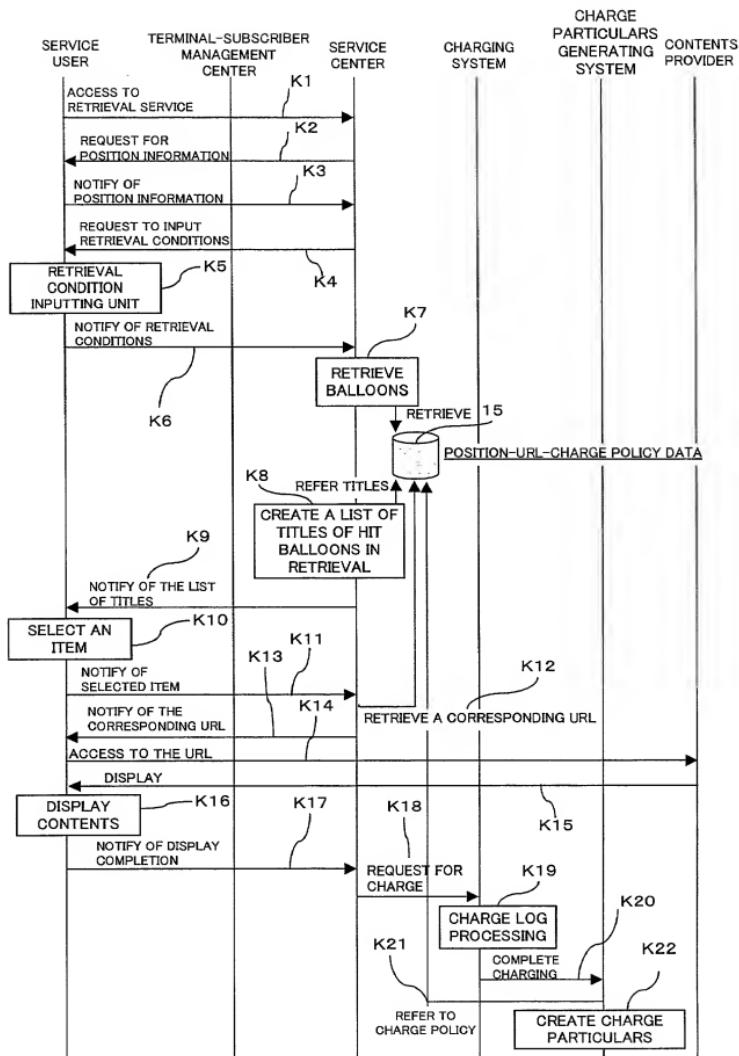


FIG. 60

15—2: BALLOON POSITION-CONTENTS URL-CHARGE POLICY DATA